

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 577-714 PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, Item 5 below.	
International application No. PCT/US2005/009319	International filing date (day/month/year) 17/03/2005	(Earliest) Priority Date (day/month/year) 19/03/2004
Applicant THOMAS & BETTS INTERNATIONAL, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 7

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☒ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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Box No. IV Text of the abstract (Continuation of Item 5 of the first sheet)

The cable tie tool (20) has a variable trigger linkage (54) which is supported within a tool handle (24) by a connection (58) thereto. The trigger linkage (54) is coupled to a lever (38,39) and movable between open and closed positions such that moving the trigger linkage (54) from the open to closed positions causes the lever (38,39) alternatively at near or distant positions thereon to couple the trigger linkage (54) to the lever (38,39) such that, when a uniform force is applied to the trigger linkage (54) for movement thereof from the open to closed positions, the engagement at the distant (48) position results in the force applied to the tool head (35) by the lever (38,39) being greater than the force applied to the tool head (35) by the lever (38,39) which results from the engagement at the near (46) position.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B21F9/02 B65B13/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B21F B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 915 425 A (NILSSON ET AL) 29 June 1999 (1999-06-29) cited in the application the whole document	
A	EP 0 299 387 A (PAUL HELLERMANN GMBH) 18 January 1989 (1989-01-18) the whole document	
A	US 4 997 011 A (DYER ET AL) 5 March 1991 (1991-03-05) figure 1	
A	US 3 865 156 A (MOODY ET AL) 11 February 1975 (1975-02-11) figures 3,4	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

24 June 2005

Date of mailing of the international search report

06/07/2005

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INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

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